

ABSTRACT

A feature guidance information that provides guidance on a feature has a data structure where a unique information representing a feature position and a guidance position are associated with respective sub-areas so that each sub-area includes at most one of the feature and the guidance position to represent the feature or the guidance position. When it is recognized that a vehicle reaches a position indicated by the unique mesh information of the guidance position with respect to a current position of the vehicle, guidance on the feature corresponding to the guidance position is provided. Thus, an amount of information, load for sending/receiving data and processing can be largely decreased compared to that coordinates are used for representing the feature position and the guidance position of the feature guidance information, thereby providing smooth navigation.